

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 21, 2003, 12:30:13 ; Search time 14 Seconds
(without alignments)
4.203 Million cell updates/sec

```
Title:          SHORT-PEP
Perfect score:  16
Sequence:      1 rw 2
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 19691

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Minimum-DB-seq-length: 0
Maximum-DB-seq-length: 5
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Post-processing: Minimum Match 0%

Database : Issued_Patents_AA:*

- ```

1: /cgn2.6/ptodata/1/1aa/5A_COMB.pep: *
2: /cgn2.6/ptodata/1/1aa/5B_COMB.pep: *
3: /cgn2.6/ptodata/1/1aa/6A_COMB.pep: *
4: /cgn2.6/ptodata/1/1aa/6B_COMB.pep: *
5: /cgn2.6/ptodata/1/1aa/PCtUS_COMB.pep: *
6: /cgn2.6/ptodata/1/1aa/Backfill1es1.pep: *

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**Pred. No.** is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

## SUMMARIES

| Result No. | Score | Query Match | Length | DB | ID                 | Description        |
|------------|-------|-------------|--------|----|--------------------|--------------------|
| 1          | 16    | 100.0       | 3      | 1  | US-08-165-945-11   | Sequence 12, App1  |
| 2          | 16    | 100.0       | 3      | 1  | US-08-256-771-21   | Sequence 21, App1  |
| 3          | 16    | 100.0       | 3      | 1  | US-08-381-984-21   | Sequence 21, App1  |
| 4          | 16    | 100.0       | 3      | 2  | US-08-685-892A-94  | Sequence 44, App1  |
| 5          | 16    | 100.0       | 3      | 4  | US-08-871-561-44   | Sequence 44, App1  |
| 6          | 16    | 100.0       | 3      | 4  | US-09-321-932B-44  | Sequence 44, App1  |
| 7          | 16    | 100.0       | 4      | 1  | US-08-165-945-6    | Sequence 6, App1   |
| 8          | 16    | 100.0       | 4      | 1  | US-08-165-945-11   | Sequence 11, App1  |
| 9          | 16    | 100.0       | 4      | 1  | US-08-256-771-15   | Sequence 15, App1  |
| 10         | 16    | 100.0       | 4      | 1  | US-08-256-771-20   | Sequence 20, App1  |
| 11         | 16    | 100.0       | 4      | 1  | US-08-381-984-15   | Sequence 15, App1  |
| 12         | 16    | 100.0       | 4      | 1  | US-08-381-984-20   | Sequence 20, App1  |
| 13         | 16    | 100.0       | 4      | 2  | US-08-350-260A-402 | Sequence 402, App1 |
| 14         | 16    | 100.0       | 4      | 2  | US-08-350-260A-408 | Sequence 408, App1 |
| 15         | 16    | 100.0       | 4      | 3  | US-09-315-861-5    | Sequence 5, App1   |
| 16         | 16    | 100.0       | 4      | 4  | US-09-330-970-11   | Sequence 11, App1  |
| 17         | 16    | 100.0       | 4      | 4  | US-09-330-970-29   | Sequence 29, App1  |
| 18         | 16    | 100.0       | 4      | 4  | US-09-196-6334-8   | Sequence 8, App1   |
| 19         | 16    | 100.0       | 4      | 4  | US-08-591-6332-40  | Sequence 40, App1  |
| 20         | 16    | 100.0       | 4      | 4  | US-08-591-6332-42  | Sequence 42, App1  |
| 21         | 16    | 100.0       | 4      | 4  | US-09-353-650-3    | Sequence 3, App1   |
| 22         | 16    | 100.0       | 4      | 4  | US-09-070-276-2    | Sequence 2, App1   |
| 23         | 16    | 100.0       | 4      | 4  | US-08-871-561-37   | Sequence 37, App1  |
| 24         | 16    | 100.0       | 4      | 4  | US-09-611-451-37   | Sequence 40, App1  |
| 25         | 16    | 100.0       | 4      | 4  | US-09-611-451-42   | Sequence 42, App1  |
| 26         | 16    | 100.0       | 4      | 4  | US-09-321-932B-37  | Sequence 37, App1  |
| 27         | 16    | 100.0       | 4      | 5  | PCT-US93-01669-15  | Sequence 15, App1  |

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| 28  | 16 | 100.0 | 4 | 5 | PCT-US94-10234-73 |
| 29  | 16 | 100.0 | 4 | 6 | 5169833-19        |
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| 31  | 16 | 100.0 | 5 | 1 | US-08-165-545-10  |
| 32  | 16 | 100.0 | 5 | 1 | US-07-851-941-1   |
| 33  | 16 | 100.0 | 5 | 1 | US-07-851-941-5   |
| 34  | 16 | 100.0 | 5 | 1 | US-07-851-941-15  |
| 35  | 16 | 100.0 | 5 | 1 | US-08-253-854-8   |
| 36  | 16 | 100.0 | 5 | 1 | US-08-256-771-14  |
| 37  | 16 | 100.0 | 5 | 1 | US-08-256-771-19  |
| 38  | 16 | 100.0 | 5 | 1 | US-08-241-881-25  |
| 39  | 16 | 100.0 | 5 | 1 | US-08-281-984-14  |
| 40  | 16 | 100.0 | 5 | 2 | US-08-281-984-19  |
| 41  | 16 | 100.0 | 5 | 2 | US-08-739-158-25  |
| 42  | 16 | 100.0 | 5 | 2 | US-08-739-167-25  |
| 43  | 16 | 100.0 | 5 | 2 | US-08-666-564-56  |
| 44  | 16 | 100.0 | 5 | 2 | US-08-404-796-25  |
| 45  | 16 | 100.0 | 5 | 3 | US-08-931-869-25  |
| 46  | 16 | 100.0 | 5 | 3 | US-09-063-893-12  |
| 47  | 16 | 100.0 | 5 | 3 | US-08-863-472-56  |
| 48  | 16 | 100.0 | 5 | 3 | US-08-981-122-18  |
| 49  | 16 | 100.0 | 5 | 3 | US-08-981-122-14  |
| 50  | 16 | 100.0 | 5 | 3 | US-08-981-122-17  |
| 51  | 16 | 100.0 | 5 | 3 | US-08-981-122-34  |
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| 67  | 16 | 100.0 | 5 | 4 | US-09-353-650-4   |
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| 69  | 16 | 100.0 | 5 | 4 | US-09-650-138-56  |
| 70  | 16 | 100.0 | 5 | 4 | US-09-650-138-56  |
| 71  | 16 | 100.0 | 5 | 4 | US-09-236-140-25  |
| 72  | 16 | 100.0 | 5 | 4 | US-09-321-481-42  |
| 73  | 16 | 100.0 | 5 | 4 | US-09-638-202-43  |
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| 76  | 16 | 100.0 | 5 | 4 | US-09-638-202-46  |
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| 84  | 16 | 100.0 | 5 | 4 | US-09-638-202-88  |
| 85  | 16 | 100.0 | 5 | 4 | US-09-638-202-90  |
| 86  | 16 | 100.0 | 5 | 4 | US-09-638-202-92  |
| 87  | 16 | 100.0 | 5 | 4 | US-09-638-202-102 |
| 88  | 16 | 100.0 | 5 | 4 | US-09-638-202-104 |
| 89  | 16 | 100.0 | 5 | 4 | US-09-638-202-106 |
| 90  | 16 | 100.0 | 5 | 4 | US-09-638-202-108 |
| 91  | 16 | 100.0 | 5 | 5 | PCT-US93-11245-56 |
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| 93  | 13 | 81.2  | 3 | 1 | US-07-858-842-5   |
| 94  | 13 | 81.2  | 3 | 1 | US-07-960-636B-4  |
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| 96  | 13 | 81.2  | 4 | 1 | US-08-456-424-45  |
| 97  | 13 | 81.2  | 4 | 1 | US-08-456-424-46  |
| 98  | 13 | 81.2  | 4 | 1 | US-08-456-424-114 |
| 99  | 13 | 81.2  | 4 | 1 | US-08-456-424-115 |
| 100 | 13 | 81.2  | 4 | 1 | US-08-456-424-116 |
| 101 | 13 | 81.2  | 4 | 2 | US-08-417-210-148 |

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|-----------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| Sequence 73, Appl<br>Patent No. 5168393 | Sequence 5, Appl1 | Sequence 10, Appl | Sequence 1, Appl1 | Sequence 5, Appl1 | Sequence 16, Appl | Sequence 8, Appl1 | Sequence 14, Appl | Sequence 19, Appl | Sequence 25, Appl | Sequence 25, Appl | Sequence 56, Appl | Sequence 25, Appl | Sequence 12, Appl | Sequence 36, Appl | Sequence 8, Appl1 | Sequence 14, Appl | Sequence 19, Appl | Sequence 25, Appl | Sequence 14, Appl | Sequence 17, Appl | Sequence 35, Appl | Sequence 37, Appl | Sequence 39, Appl | Sequence 40, Appl | Sequence 46, Appl | Sequence 47, Appl | Sequence 51, Appl | Sequence 52, Appl | Sequence 53, Appl | Sequence 54, Appl | Sequence 55, Appl | Sequence 56, Appl | Sequence 57, Appl | Sequence 27, Appl | Sequence 42, Appl | Sequence 4, Appl1 | Sequence 25, Appl | Sequence 56, Appl | Sequence 55, Appl | Sequence 42, Appl | Sequence 74, Appl | Sequence 76, Appl | Sequence 78, Appl | Sequence 80, Appl | Sequence 82, Appl | Sequence 84, Appl | Sequence 86, Appl | Sequence 88, Appl | Sequence 90, Appl | Sequence 92, Appl | Sequence 102, Appl | Sequence 104, Appl | Sequence 106, Appl | Sequence 108, Appl | Sequence 56, Appl | Sequence 5, Appl1 | Sequence 4, Appl1 | Sequence 14, Appl | Sequence 45, Appl | Sequence 46, Appl | Sequence 114, Appl | Sequence 115, Appl | Sequence 116, Appl | Sequence 118, Appl |
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## ALIGNMENTS

RESULT 1  
US-08-165-545-12  
Sequence 12, Application US/08165545  
Patent No. 5424396  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: Antimicrobial peptide and  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Displaywrite  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/165,545  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/871,981  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE:  
HYPOTHETICAL:  
ANTI-SENSE:  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
ORGANISM:  
STRAIN:  
INDIVIDUAL ISOLATE:  
DEVELOPMENTAL STAGE:  
HAPLOTYPE:  
TISSUE TYPE:  
CELL LINE:  
CLONE:  
IMMEDIATE SOURCE:  
LIBRARY:  
CLONE:  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT:  
MAP POSITION:  
UNITS:  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION:

PUBLICATION INFORMATION:  
AUTHORS:  
TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-08-165-545-12  
Query Match 100.0%; Score 16; DB 1; Length 3;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1 RW 2  
Db 1 RW 2  
RESULT 2  
US-08-256-771-21  
Sequence 21, Application US/08256771  
Patent No. 5656591  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: ANTIMICROBIAL AGENTS AND METHOD FOR TREATING  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/256,771  
FILING DATE: July 22, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 3 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-256-771-21  
Query Match 100.0%; Score 16; DB 1; Length 3;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1 RW 2

Db 1 1  
1 RW 2

RESULT 3  
US-08-381-984-21

Sequence 21, Application US/08381984  
Patent No. 5804555

GENERAL INFORMATION:

APPLICANT: Mamoru TOMITA et al.

TITLE OF INVENTION: ANTIOXIDANT

NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:

ADDRESSEE: Wenderoth, Lind & Ponack

STREET: 805 Fifteenth Street, N.W., #700

CITY: Washington

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/381,984

FILING DATE: April 11, 1995

CLASSIFICATION: 252

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warren M. Cheek, Jr.

REGISTRATION NUMBER: 33,367

REFERENCE/DOCKET NUMBER:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-8850

TELEFAX:

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 3 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY:

LOCATION:

IDENTIFICATION METHOD:

OTHER INFORMATION: /note="the specified peptide as well as

peptides including the specified peptide as a fragment thereof

US-08-381-984-21

Query Match 100.0%; Score 16; DB 1; Length 3;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
1 1  
Db 1 RW 2

RESULT 4  
US-08-685-589A-94

Sequence 94, Application US/08685589A

Patent No. 5916872

GENERAL INFORMATION:

APPLICANT: Chang, Conway

APPLICANT: Gu, Leo

APPLICANT: Chen, Jie

TITLE OF INVENTION: CYCLIC PEPTIDES HAVING BROAD

SPECTRUM ANTIMICROBIAL ACTIVITY

NUMBER OF SEQUENCES: 222

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/685,589A

FILING DATE: 24-JUL-1996

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A.

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 8067-026-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-790-9090

TELEFAX: 212-869-9741

INFORMATION FOR SEQ ID NO: 94:

SEQUENCE CHARACTERISTICS:

LENGTH: 3 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: No. 5916872 Relevant

MOLECULE TYPE: peptide

US-08-685-589A-94

Query Match 100.0%; Score 16; DB 2; Length 3;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
1 1  
Db 2 RW 3

RESULT 5  
US-08-871-561-44

Sequence 44, Application US/08871561

Patent No. 6384189

GENERAL INFORMATION:

APPLICANT: MORPHY-ULLRICH, JOANNE E.

APPLICANT: SCHULTZ-CHERRY, STACEY

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING

TGF- $\beta$  ACTIVITY WITH REGULATORY PEPTIDES

NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS:

ADDRESSEE: NEEDLE & ROSENBERG, P.C.

STREET: 127 Peachtree Street, NE

CITY: Atlanta

STATE: Georgia

COUNTRY: USA

ZIP: 30303-1811

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/871,561

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/238,169  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: SPRATT, GRENDOLYN D.  
 REGISTRATION NUMBER: 36,016  
 REFERENCE/DOCKET NUMBER: 2180,018  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (404) 688-0770  
 TELEFAX: (404) 688-9880  
 INFORMATION FOR SEQ ID NO: 44:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 3 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHEICAL: NO  
 ANTI-SENSE: NO  
 US-08-871-561-44

Query Match 100.0%; Score 16; DB 4; Length 3;  
 Best Local Similarity 100.0%; Pred. No. 2e+05;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
 ||  
 DB 1 RW 2

RESULT 6  
 US-09-321-932B-44  
 Sequence 44, Application US/09321932B  
 Patent No. 6458767  
 GENERAL INFORMATION:  
 APPLICANT: Murphy-Ullrich, Joanne  
 APPLICANT: Ribeiro, Solange  
 APPLICANT: Hugo, Christian  
 APPLICANT: Roberts, David  
 APPLICANT: Krutzsch, Henry  
 TITLE OF INVENTION: USE OF PEPTIDES INHIBITORY FOR THROMBOSPONDIN DEPENDENT TGF-BETA  
 FILE REFERENCE: UAB-14703/22  
 CURRENT APPLICATION NUMBER: US/09/321,932B  
 CURRENT FILING DATE: 1999-05-28  
 PRIOR APPLICATION NUMBER: US 08/871,561  
 PRIOR FILING DATE: 1997-06-10  
 PRIOR APPLICATION NUMBER: US 08/238,169  
 PRIOR FILING DATE: 1994-05-04  
 NUMBER OF SEQ ID NOS: 47  
 SOFTWARE: Patent version 3.1  
 SEQ ID NO 44  
 LENGTH: 3  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic construct  
 US-09-321-932B-44

Query Match 100.0%; Score 16; DB 4; Length 3;  
 Best Local Similarity 100.0%; Pred. No. 2e+05;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
 ||  
 DB 1 RW 2

RESULT 7  
 US-08-165-545-6  
 Sequence 6, Application US/08165545  
 Patent No. 5424396  
 GENERAL INFORMATION:

APPLICANT: Mamoru TOMITA et al.  
 TITLE OF INVENTION: Antimicrobial Peptide and  
 TITLE OF INVENTION: Antimicrobial Agent  
 NUMBER OF SEQUENCES: 13  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Wenderoth, Lind & Ponack  
 STREET: 805 Fifteenth Street, N.W., #700  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: U.S.A.  
 ZIP: 20005  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: MS-DOS  
 SOFTWARE: DisplayWrite  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/165,545  
 FILING DATE:  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/07/871,981  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warren M. Cheek, Jr.  
 REGISTRATION NUMBER: 33,367  
 REFERENCE/DOCKET NUMBER:  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-371-8850  
 TELEFAX:

INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 4 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE:  
 HYPOTHEICAL:  
 ANTI-SENSE:  
 FRAGMENT TYPE:  
 ORIGINAL SOURCE:  
 ORGANISM:  
 STRAIN:  
 INDIVIDUAL ISOLATE:  
 DEVELOPMENTAL STAGE:  
 HAPLOTYPE:  
 TISSUE TYPE:  
 CELL TYPE:  
 CELL LINE:  
 ORGANELLE:  
 IMMEDIATE SOURCE:  
 LIBRARY:  
 CLONE:  
 POSITION IN GENOME:  
 CHROMOSOME/SEGMENT:  
 MAP POSITION:  
 UNITS:  
 FEATURE:  
 NAME/KEY:  
 LOCATION:  
 IDENTIFICATION METHOD:  
 OTHER INFORMATION:  
 PUBLICATION INFORMATION:  
 AUTHORS:  
 TITLE:  
 JOURNAL:  
 VOLUME:  
 ISSUE:  
 PAGES:  
 DATE:  
 DOCUMENT NUMBER:  
 FILING DATE:

PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-08-165-545-6

Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 8  
US-08-165-545-11  
Sequence 11, Application US/08165545  
Patent No. 5424396

GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: Antimicrobial Peptide and  
TITLE OF INVENTION: Antimicrobial Agent  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: DisplayWrite  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/165,545  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/871,981  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:

TELEX:  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE:  
HYPOTHETICAL:  
ANTI-SENSE:  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
ORGANISM:  
STRAIN:  
INDIVIDUAL ISOLATE:  
DEVELOPMENTAL STAGE:  
HAPLOTYPE:  
TISSUE TYPE:  
CELL TYPE:  
ORGANELLE:  
IMMEDIATE SOURCE:  
LIBRARY:  
CLONE:  
POSITION IN GENOME:

CHROMOSOME/SEGMENT:  
MAP POSITION:  
UNITS:  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS:  
TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-08-165-545-11

Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 9  
US-08-256-771-15  
Sequence 15, Application US/08256771  
Patent No. 5656591

GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: ANTIMICROBIAL AGENTS AND METHOD FOR TREATING  
TITLE OF INVENTION: PRODUCTS THEREWITH  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/256,771  
FILING DATE: July 22, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:

TELEX:  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: peptide  
US-08-256-771-15  
Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1 RW 2  
Db 2 RW 3  
RESULT 10  
US-08-256-771-20  
Sequence 20, Application US/08256771  
Patent No. 5656591  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: ANTIMICROBIAL AGENTS AND METHOD FOR TREATING  
TITLE OF INVENTION: PRODUCTS THEREWITH  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/256,771  
FILING DATE: July 22, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-256-771-20  
Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1 RW 2  
Db 2 RW 3  
RESULT 11  
US-08-381-984-15  
Sequence 15, Application US/08381984  
Patent No. 5804555  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: ANTIOXIDANT

NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/381,984  
FILING DATE: April 11, 1995  
CLASSIFICATION: 252  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION: /note="the specified peptide as well as  
OTHER INFORMATION: peptides including the specified peptide as a fragment the  
US-08-381-984-15  
Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
OY 1 RW 2  
Db 2 RW 3  
RESULT 12  
US-08-381-984-20  
Sequence 20, Application US/08381984  
Patent No. 5804555  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: ANTIOXIDANT  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/381,984  
FILING DATE: April 11, 1995  
CLASSIFICATION: 252  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION: /note= "the specified peptide as well as  
OTHER INFORMATION: peptides including the specified peptide as a fragment thereof  
US-08-381-984-20

Query Match 100.0%; Score 16; DB 1; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 13  
US-08-350-260A-402  
Sequence 402, Application US/08350260A  
Patent No. 5962255  
GENERAL INFORMATION:  
APPLICANT: Winter, Gregory Paul  
APPLICANT: Griffiths, Andrew David  
APPLICANT: Williams, Samuel Cameron  
APPLICANT: Waterhouse, Peter  
APPLICANT: Nissim, Ahuva  
APPLICANT: Smith, Andrew John Hammond  
TITLE OF INVENTION: Methods for producing members of specific  
NUMBER OF SEQUENCES: 602  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David W. Clough  
STREET: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/350,260A  
FILING DATE: 05-DEC-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9110549.4  
FILING DATE: 15-MAY-1991

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB91/01134  
FILING DATE: 10-JUL-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/150,002  
FILING DATE: 31-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/307,619  
FILING DATE: 16-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/32372  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 402:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-350-260A-402

Query Match 100.0%; Score 16; DB 2; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 3 RW 4

RESULT 14  
US-08-350-260A-408  
Sequence 408, Application US/08350260A  
Patent No. 5962255  
GENERAL INFORMATION:  
APPLICANT: Winter, Gregory Paul  
APPLICANT: Griffiths, Andrew David  
APPLICANT: Williams, Samuel Cameron  
APPLICANT: Waterhouse, Peter  
APPLICANT: Nissim, Ahuva  
APPLICANT: Smith, Andrew John Hammond  
TITLE OF INVENTION: Methods for producing members of specific  
NUMBER OF SEQUENCES: 602  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David W. Clough  
STREET: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/350,260A  
FILING DATE: 05-DEC-1994  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9110549.4  
FILING DATE: 15-MAY-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB91/01134  
FILING DATE: 10-JUL-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/150,002  
FILING DATE: 31-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/307,619  
FILING DATE: 16-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/32372  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 408:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-350-260A-408

Query Match 100.0%; Score 16; DB 2; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 1 RW 2

RESULT 15  
US-09-315-861-5  
Sequence 5, Application US/09315861  
Patent No. 6114160  
GENERAL INFORMATION:  
APPLICANT: Rodney B. Croteau, Mark R. Wildung  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TAXOL  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Donald L. Stephens Jr.  
STREET: One World Trade Center  
STREET: 121 S.W. Salmon Street  
CITY: Portland  
STATE: Oregon  
COUNTRY: United States of America  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Disk, 3-1/2 inch  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/315,861  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/843,363

FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Donald L. Stephens Jr.  
REGISTRATION NUMBER: 34,022  
REFERENCE/DOCKET NUMBER: 4630-46842/DLS  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 226-7391  
TELEFAX: (503) 228-9446  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acid residues  
TYPE: amino acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
US-09-315-861-5

Query Match 100.0%; Score 16; DB 3; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 1 RW 2

RESULT 16  
US-09-330-970-11  
Sequence 11, Application US/09330970  
Patent No. 6146876  
GENERAL INFORMATION:  
APPLICANT: Robison, Keith E.  
APPLICANT: Kapeller-Libermann, Rosana  
TITLE OF INVENTION: A No. 6146876el Human Cyclic Nucleotide  
FILE REFERENCE: 5800-28  
CURRENT APPLICATION NUMBER: US/09/330,970  
CURRENT FILING DATE: 1999-06-11  
EARLIER APPLICATION NUMBER: 09/277,423  
EARLIER FILING DATE: 1999-03-26  
NUMBER OF SEQ ID NOS: 40  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 11  
LENGTH: 4  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-330-970-11

Query Match 100.0%; Score 16; DB 4; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 17  
US-09-330-970-29  
Sequence 29, Application US/09330970  
Patent No. 6146876  
GENERAL INFORMATION:  
APPLICANT: Robison, Keith E.  
APPLICANT: Kapeller-Libermann, Rosana  
TITLE OF INVENTION: A No. 6146876el Human Cyclic Nucleotide  
FILE REFERENCE: 5800-28  
CURRENT APPLICATION NUMBER: US/09/330,970  
CURRENT FILING DATE: 1999-06-11  
EARLIER APPLICATION NUMBER: 09/277,423  
EARLIER FILING DATE: 1999-03-26  
NUMBER OF SEQ ID NOS: 40



SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 29  
LENGTH: 4  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-330-970-29

Query Match  
Best Local Similarity 100.0%; Score 16; DB 4; Length 4;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 18  
US-09-196-934-8  
Sequence 8, Application US/09196934  
Patent No. 6191256  
GENERAL INFORMATION:  
APPLICANT: Chen, Li Ang  
APPLICANT: Beutner, Joseph A.  
APPLICANT: Carbonell, Ruben G.  
TITLE OF INVENTION: Recombinant Factor VIII Binding Peptides  
FILE REFERENCE: MSB-7251  
CURRENT APPLICATION NUMBER: US/09/196,934  
CURRENT FILING DATE: 1998-11-20  
NUMBER OF SEQ ID NOS: 22  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 8  
LENGTH: 4  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-196-934-8

Query Match  
Best Local Similarity 100.0%; Score 16; DB 4; Length 4;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 3 RW 4

RESULT 19  
US-08-591-632-40  
Sequence 40, Application US/08591632  
Patent No. 6261558  
GENERAL INFORMATION:  
APPLICANT: Barbas, Carlos F.  
APPLICANT: Burton, Dennis R.  
APPLICANT: Lerner, Richard A.  
TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL  
NUMBER OF SEQUENCES: 92  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
ADDRESSER: Patent Counsel  
STREET: 10550 No. 6261558th Torrey Pines Road, TPC 8  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/591,632

FILING DATE: 19-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/11907  
FILING DATE: 19-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,841  
FILING DATE: 19-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/233,619  
FILING DATE: 26-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/139,409  
FILING DATE: 19-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: TSRI 332.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 784-2937  
TELEFAX: (619) 784-9399  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-591-632-40

Query Match  
Best Local Similarity 100.0%; Score 16; DB 4; Length 4;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 3 RW 4

RESULT 20  
US-08-591-632-42  
Sequence 42, Application US/08591632  
Patent No. 6261558  
GENERAL INFORMATION:  
APPLICANT: Barbas, Carlos F.  
APPLICANT: Burton, Dennis R.  
APPLICANT: Lerner, Richard A.  
TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL  
NUMBER OF SEQUENCES: 92  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
ADDRESSER: Patent Counsel  
STREET: 10550 No. 6261558th Torrey Pines Road, TPC 8  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/591,632  
FILING DATE: 19-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/11907  
FILING DATE: 19-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/308,841  
FILING DATE: 19-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/233,619  
FILING DATE: 26-APR-1994

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/139,409  
FILING DATE: 19-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: TSRI 332.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 784-2937  
TELEFAX: (619) 784-9399  
INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-591-632-42

Query Match 100.0%; Score 16; DB 4; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 3 RW 4

RESULT 21  
US-09-353-650-3  
Sequence 3, Application US/09353650  
Patent No. 6337315  
GENERAL INFORMATION:  
APPLICANT: MAHE, Yann  
APPLICANT: BILLOU, Nelly  
APPLICANT: BRETON, Lionel  
APPLICANT: BUI-BERTRAND, Lien  
TITLE OF INVENTION: ANTI-INFLAMMATORY COMPOSITIONS COMPRISING PEPTIDE  
TITLE OF INVENTION: DERIVATIVES OF ALPHA-MSH/ALGAL EXTRACTS  
FILE REFERENCE: 016800-303  
CURRENT APPLICATION NUMBER: US/09/353,650  
CURRENT FILING DATE: 1999-07-15  
EARLIER APPLICATION NUMBER: FR 98-09055  
EARLIER FILING DATE: 1998-07-15  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 3  
LENGTH: 4  
TYPE: PPT  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: PEPTIDE  
LOCATION: (2)  
OTHER INFORMATION: Amino acid 2 is xaa wherein xaa = D.homoPe.  
FEATURE:  
OTHER INFORMATION: Description of Artificial  
OTHER INFORMATION: Sequence:anti-inflammatory activity from alpha-MSH  
OTHER INFORMATION: conjugated to thioctic acid.  
US-09-353-650-3

Query Match 100.0%; Score 16; DB 4; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 3 RW 4

RESULT 22  
US-09-070-276-2  
Sequence 2, Application US/09070276  
Patent No. 6338834  
GENERAL INFORMATION:

APPLICANT: Jurisson et al.  
TITLE OF INVENTION: NEW MELANOTROPIN ANALOGS FOR POTENTIAL  
TITLE OF INVENTION: RADIOPHARMACEUTICALS FOR DIAGNOSIS AND TREATMENT OF  
TITLE OF INVENTION: MELANOMA  
FILE REFERENCE: 0994.00085  
CURRENT APPLICATION NUMBER: US/09/070,276  
CURRENT FILING DATE: 1998-04-30  
NUMBER OF SEQ ID NOS: 3  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 2  
LENGTH: 4  
TYPE: PPT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: Description of Unknown Organism:mouse, human or  
OTHER INFORMATION: synthetic  
US-09-070-276-2

Query Match 100.0%; Score 16; DB 4; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
DB 3 RW 4

RESULT 23  
US-08-871-561-37  
Sequence 37, Application US/08871561  
Patent No. 6384189  
GENERAL INFORMATION:  
APPLICANT: MURPHY-ULRICH, JOANNE E.  
APPLICANT: ROBERTS, DAVID D.  
APPLICANT: SCHULTZ-CHERRY, STACEY  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING  
TITLE OF INVENTION: AND INHIBITING TGF-BETA ACTIVITY WITH REGULATORY PEPTIDES  
NUMBER OF SEQUENCES: 46  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: 127 Peachtree Street, NE  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303-1811  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/871,561  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/238,169  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: SPRATT, GWENDOLYN D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 2180.018  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (404) 688-0770  
TELEFAX: (404) 688-9880  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO

US-08-871-561-37

Query Match 100.0%; Score 16; DB 4; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 24

US-09-611-451-40

; Sequence 40, Application US/09611451  
; Patent No. 6395275  
; GENERAL INFORMATION:

APPLICANT: Barbas, Carlos F.

Lerner, Righard A.

TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL  
ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS

NUMBER OF SEQUENCES: 92

CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
Patent Counsel

STREET: 10550 No. 6395275th Torrey Pines Road, TPC 8

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/611,451

FILING DATE: 06-Jul-2000

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/591,632

FILING DATE: 2001-10-29

APPLICATION NUMBER: US 08/308,841

FILING DATE: 19-SEP-1994

APPLICATION NUMBER: US 08/233,619

FILING DATE: 26-APR-1994

APPLICATION NUMBER: US 08/139,409

FILING DATE: 19-OCT-1993

ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: TSRI 332.3

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 784-2937

TELEFAX: (619) 784-9399

INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 40:

US-09-611-451-40

Query Match 100.0%; Score 16; DB 4; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 RW 2  
11  
DB 3 RW 4

RESULT 25

US-09-611-451-42

; Sequence 42, Application US/09611451  
; Patent No. 6395275  
; GENERAL INFORMATION:

APPLICANT: Barbas, Carlos F.

Lerner, Righard A.

TITLE OF INVENTION: SYNTHETIC HUMAN NEUTRALIZING MONOCLONAL  
ANTIBODIES TO HUMAN IMMUNODEFICIENCY VIRUS

NUMBER OF SEQUENCES: 92

CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
Patent Counsel

STREET: 10550 No. 6395275th Torrey Pines Road, TPC 8

CITY: La Jolla

STATE: CA

COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/611,451

FILING DATE: 06-Jul-2000

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/591,632

FILING DATE: 2001-10-29

APPLICATION NUMBER: US 08/308,841

FILING DATE: 19-SEP-1994

APPLICATION NUMBER: US 08/233,619

FILING DATE: 26-APR-1994

APPLICATION NUMBER: US 08/139,409

FILING DATE: 19-OCT-1993

ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas

REGISTRATION NUMBER: 34,163

REFERENCE/DOCKET NUMBER: TSRI 332.3

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 784-2937

TELEFAX: (619) 784-9399

INFORMATION FOR SEQ ID NO: 42:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 42:

US-09-611-451-42

Query Match 100.0%; Score 16; DB 4; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;QY 1 RW 2  
11  
DB 3 RW 4

RESULT 26

US-09-321-932B-37

; Sequence 37, Application US/09321932B

; Patent No. 6458767

; GENERAL INFORMATION:

APPLICANT: Murphy-Ullrich, Joanne

APPLICANT: Ribello, Solange

APPLICANT: Hugo, Christian

APPLICANT: Roberts, David

APPLICANT: Krutzsch, Henry

TITLE OF INVENTION: USE OF PEPTIDES INHIBITORY FOR THROMBOSPONDIN DEPENDENT TGF-BE

FILE REFERENCE: UAB-14703/22

;; CURRENT APPLICATION NUMBER: US/09/321,932B  
;; CURRENT FILING DATE: 1999-05-28  
;; PRIOR APPLICATION NUMBER: US 08/871,561  
;; PRIOR FILING DATE: 1997-06-10  
;; PRIOR APPLICATION NUMBER: US 08/238,169  
;; PRIOR FILING DATE: 1994-05-04  
;; NUMBER OF SEQ ID NOS: 47  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO: 37  
;; LENGTH: 4  
;; TYPE: PRT  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Synthetic construct  
US-09-321-932B-37

Query Match 100.0%; Score 16; DB 4; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
Db 2 RW 3

RESULT 27  
PCT-US93-01669-15  
; Sequence 15, Application PC/TUS9301669  
; GENERAL INFORMATION:  
; APPLICANT: Trowbridge, Ian S.  
; APPLICANT: Collawn, J.F., James F.  
; APPLICANT: Tainer, John A.  
; APPLICANT: Kuhn, Leslie A.  
; TITLE OF INVENTION: RECEPTOR INTERNALIZATION SIGNALS  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1680 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/01669  
; FILING DATE: 01-MAR-1993  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/844,852  
; FILING DATE: 03-MAR-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wetherell, Jr. Ph.D., John R.  
; REGISTRATION NUMBER: 31,678  
; REFERENCE/DOCKET NUMBER: PD-1636  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 455-5100  
; TELEFAX: (619) 455-5110  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4 amino acids  
; TYPE: amino acid  
; TOPOLOGY: unknown  
; MOLECULE TYPE: peptide  
PCT-US93-01669-15

Query Match 100.0%; Score 16; DB 5; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
Db 3 RW 4

RESULT 28  
PCT-US94-01234-73  
; Sequence 73, Application PC/TUS9401234  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: METHODS FOR PRODUCING POLYPEPTIDE  
; NUMBER OF SEQUENCES: 76  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/01234  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/084,542  
; FILING DATE: 28-JUN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/012,566  
; FILING DATE: 02-FEB-1993  
; INFORMATION FOR SEQ ID NO: 73:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; FRAGMENT TYPE: internal  
PCT-US94-01234-73

Query Match 100.0%; Score 16; DB 5; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
Db 1 RW 2

RESULT 29  
5169835-19  
; Patent No. 5169835  
; APPLICANT: MAI-YEE, CHAN  
; TITLE OF INVENTION: PREGNANCY SPECIFIC PROTEINS APPLICATIONS  
; NUMBER OF SEQUENCES: 48  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/390,409  
; FILING DATE: 07-AUG-1989  
; SEQ ID NO: 19:  
; LENGTH: 4  
5169835-19

Query Match 100.0%; Score 16; DB 6; Length 4;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
||  
Db 2 RW 3

RESULT 30  
US-08-165-545-5  
; Sequence 5, Application US/08165545  
; Patent No. 5424396  
; GENERAL INFORMATION:  
; APPLICANT: MATSUDA et al.  
; TITLE OF INVENTION: Antimicrobial Peptide and

TITLE OF INVENTION: Antimicrobial Agent  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: DisplayWrite  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/165,545  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/871,981  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE:  
HYPOTHETICAL:  
ANTI-SENSE:  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
ORGANISM:  
STRAIN:  
INDIVIDUAL ISOLATE:  
DEVELOPMENTAL STAGE:  
HAPLOTYPE:  
TISSUE TYPE:  
CELL TYPE:  
CELL LINE:  
ORGANELLE:  
IMMEDIATE SOURCE:  
LIBRARY:  
CLONE:  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT:  
MAP POSITION:  
UNITS:  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS:  
TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:

US-08-165-545-5  
Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 RW 2  
DB 2 RW 3  
RESULT 31  
US-08-165-545-10  
Sequence 10, Application US/08165545  
Patent No. 5424396  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: Antimicrobial Peptide and  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: DisplayWrite  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/165,545  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/871,981  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE:  
HYPOTHETICAL:  
ANTI-SENSE:  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
ORGANISM:  
STRAIN:  
INDIVIDUAL ISOLATE:  
DEVELOPMENTAL STAGE:  
HAPLOTYPE:  
TISSUE TYPE:  
CELL TYPE:  
CELL LINE:  
ORGANELLE:  
IMMEDIATE SOURCE:  
LIBRARY:  
CLONE:  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT:  
MAP POSITION:

UNITS:  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS:  
TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-08-165-545-10

Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 32  
US-07-851-941-1  
Sequence 1, Application US/07851941  
Patent No. 5428016  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: Antimicrobial peptide and an  
TIME OF INVENTION: Antimicrobial Agent  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Displaywrite  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/851,941  
FILING DATE: 19920313  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/851,941  
FILING DATE: March 13, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Mairen M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acid residues  
TYPE: AMINO ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL:

ANTI-SENSE:  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
ORGANISM:  
STRAIN:  
INDIVIDUAL ISOLATE:  
DEVELOPMENTAL STAGE:  
HAPLOTYPE:  
TISSUE TYPE:  
CELL TYPE:  
CELL LINE:  
ORGANELLER:  
IMMEDIATE SOURCE:  
LIBRARY:  
CLONE:  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT:  
MAP POSITION:  
UNITS:  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS:  
TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-07-851-941-1

Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 1 RW 2

RESULT 33  
US-07-851-941-5  
Sequence 5, Application US/07851941  
Patent No. 5428016  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: Antimicrobial peptide and an  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Displaywrite  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/851,941  
FILING DATE: 19920313  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:

```

? APPLICATION NUMBER: 07/851,941
? FILING DATE: March 13, 1992
? ATTORNEY/AGENT INFORMATION:
? NAME: Warren M. Cheek, Jr.
? REGISTRATION NUMBER: 33,367
? REFERENCE/DOCKET NUMBER:
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 202-371-8850
? TELEFAX:
?
? INFORMATION FOR SEQ ID NO: 5:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 5 amino acid residues
? TYPE: AMINO ACID
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: peptide
? HYPOTHETICAL:
? ANTI-SENSE:
? FRAGMENT TYPE:
? ORIGINAL SOURCE:
? ORGANISM:
? STRAIN:
? INDIVIDUAL ISOLATE:
? DEVELOPMENTAL STAGE:
? HAPLOTYPE:
? TISSUE TYPE:
? CELL TYPE:
? CELL LINE:
? ORGANELL:
? IMMEDIATE SOURCE:
? LIBRARY:
? CLONE:
? POSITION IN GENOME:
? CHROMOSOME/SEGMENT:
? MAP POSITION:
? UNITS:
? FEATURE:
? NAME/KEY:
? LOCATION:
? IDENTIFICATION METHOD:
? OTHER INFORMATION:
? PUBLICATION INFORMATION:
? AUTHORS:
? TITLE:
? JOURNAL:
? VOLUME:
? ISSUE:
? PAGES:
? DATE:
? DOCUMENT NUMBER:
? FILING DATE:
? PUBLICATION DATE:
? RELEVANT RESIDUES IN SEQ ID NO:
?
? US-07-851-941-5
?
? Query Match 100.0%; Score 16; DB 1; Length 5;
? Best Local Similarity 100.0%; Pred. No. 2e+05;
? Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
?
? QY 1 RW 2
? 11
? DB 1 RW 2
?
? RESULT 34
? US-07-851-941-16
? Sequence 16, Application US/07851941
? Patent No. 5428016
? GENERAL INFORMATION:
? APPLICANT: Mamoru TOMITA et al.
? TITLE OF INVENTION: Antimicrobial Peptide and an
? TITLE OF INVENTION: Antimicrobial Agent

```

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? NUMBER OF SEQUENCES: 18
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Wenderoth, Lind & Ponack
? STREET: 805 Fifteenth Street, N.W., #700
? CITY: Washington
? STATE: D.C.
? COUNTRY: U.S.A.
? ZIP: 20005
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Diskette, 5.25 inch, 500 kb
? COMPUTER: IBM Compatible
? OPERATING SYSTEM: MS-DOS
? SOFTWARE: DisplayWrite
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/07/851,941
? FILING DATE: 19920313
? CLASSIFICATION: 530
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 07/851,941
? FILING DATE: March 13, 1992
? ATTORNEY/AGENT INFORMATION:
? NAME: Warren M. Cheek, Jr.
? REGISTRATION NUMBER: 33,367
? REFERENCE/DOCKET NUMBER:
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 202-371-8850
? TELEFAX:
? TELEX:
?
? INFORMATION FOR SEQ ID NO: 16:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 5 amino acid residues
? TYPE: AMINO ACID
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: peptide
? HYPOTHETICAL:
? ANTI-SENSE:
? FRAGMENT TYPE:
? ORIGINAL SOURCE:
? ORGANISM:
? STRAIN:
? INDIVIDUAL ISOLATE:
? DEVELOPMENTAL STAGE:
? HAPLOTYPE:
? TISSUE TYPE:
? CELL TYPE:
? CELL LINE:
? ORGANELL:
? IMMEDIATE SOURCE:
? LIBRARY:
? CLONE:
? POSITION IN GENOME:
? CHROMOSOME/SEGMENT:
? MAP POSITION:
? UNITS:
? FEATURE:
? NAME/KEY: modified site
? LOCATION: 5
? IDENTIFICATION METHOD:
? OTHER INFORMATION: /note="Arg-NH2"
? PUBLICATION INFORMATION:
? AUTHORS:
? TITLE:
? JOURNAL:
? VOLUME:
? ISSUE:
? PAGES:
? DATE:
? DOCUMENT NUMBER:
? FILING DATE:
? PUBLICATION DATE:
? RELEVANT RESIDUES IN SEQ ID NO:
?
? US-07-851-941-16

```

Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 1 RW 2

## RESULT 35

US-08-253-854-8  
Sequence 8, Application US/08253854  
Patent No. 5504190  
GENERAL INFORMATION:  
APPLICANT: Houghten, Richard A.  
APPLICANT: Cuervo, Julio H.  
APPLICANT: Philla, Clemencia  
APPLICANT: Appel Jr., Jon R.  
APPLICANT: Blondelle, Silvie  
TITLE OF INVENTION: Synthesis of Equimolar Multiple  
TITLE OF INVENTION: Oligomer Mixtures, Especially of Oligopeptide Mixtures  
NUMBER OF SEQUENCES: 91  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dressler, Goldsmith, Shore, Sutter &  
ADDRESSEE: Milamow, Ltd.  
STREET: 180 No. 5504190th Stetson Avenue, Suite 4700  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60601

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentln Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/253,854  
FILING DATE:

## CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: Gamson, Edward P.  
REGISTRATION NUMBER: 29,381  
REFERENCE/DOCKET NUMBER: PRL.0003  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312)616-5400  
TELEFAX: (312)616-5460  
INFORMATION FOR SEQ ID NO: 8:

## SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-253-854-8

Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

## RESULT 36

US-08-256-771-14  
Sequence 14, Application US/08256771  
Patent No. 5656591  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: ANTIMICROBIAL AGENTS AND METHOD FOR TREATING  
TITLE OF INVENTION: PRODUCTS THEREWITH  
NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/256,771  
FILING DATE: July 22, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:

## APPLICATION NUMBER:

## FILING DATE:

## ATTORNEY/AGENT INFORMATION:

NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:

## TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-8850  
TELEFAX:

## TELEX:

## INFORMATION FOR SEQ ID NO: 14:

## SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

## MOLECULE TYPE: peptide

US-08-256-771-14

Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

## RESULT 37

US-08-256-771-19  
Sequence 19, Application US/08256771  
Patent No. 5656591  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.

TITLE OF INVENTION: ANTIMICROBIAL AGENTS AND METHOD FOR TREATING  
TITLE OF INVENTION: PRODUCTS THEREWITH  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 500 kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/256,771  
FILING DATE: July 22, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:

APPLICATION NUMBER:  
FILING DATE:



ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-256-771-19

Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 38  
US-08-741-881-25  
Sequence 25, Application US/08741881  
Patent No. 5789245  
GENERAL INFORMATION:  
APPLICANT: Dubensky Jr, Thomas W  
APPLICANT: Polo, John M.  
APPLICANT: Ibanez, Carlos E.  
APPLICANT: Chang, Stephen M.W.  
APPLICANT: Jolly, Douglas J.  
APPLICANT: Driver, David A.  
APPLICANT: Belli, Barbara A.  
TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/741,881  
FILING DATE: 30-OCT-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: McMaisters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 930049,423C6 / 1146.007  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-741-881-25

Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 3 RW 4

RESULT 39  
US-08-381-984-14  
Sequence 14, Application US/08381984  
Patent No. 5804555  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: ANTIOXIDANT  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/381,984  
FILING DATE: April 11, 1995  
CLASSIFICATION: 252  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION: /note= "the specified peptide as well as  
peptides including the specified peptide as a fragment the  
US-08-381-984-14

Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 2 RW 3

RESULT 40  
US-08-381-984-19  
Sequence 19, Application US/08381984  
Patent No. 5804555  
GENERAL INFORMATION:  
APPLICANT: Mamoru TOMITA et al.  
TITLE OF INVENTION: ANTIOXIDANT

NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/381,984  
FILING DATE: April 11, 1995  
CLASSIFICATION: 252  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek, Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX:  
TELEX:  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION: /note= "the specified peptide as well as  
OTHER INFORMATION: peptides including the specified peptide as a fragment thereof  
US-08-381-984-19  
Query Match 100.0%; Score 16; DB 1; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 RW 2  
11  
DB 2 RW 3  
RESULT 41  
US-08-739-158-25  
Sequence 25, Application US/08739158  
Patent No. 5814482  
GENERAL INFORMATION:  
APPLICANT: Dubensky Jr., Thomas W  
APPLICANT: Polo, John M.  
APPLICANT: Jolly, Douglas J.  
APPLICANT: Driver, David A.  
TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/739,158  
FILING DATE: 30-OCT-1996  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Mcmasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 930049.423D3 / 1146.012  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 682-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-739-158-25  
Query Match 100.0%; Score 16; DB 2; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 RW 2  
11  
DB 3 RW 4  
RESULT 42  
US-08-739-167-25  
Sequence 25, Application US/08739167  
Patent No. 5843723  
GENERAL INFORMATION:  
APPLICANT: Dubensky Jr., Thomas W  
APPLICANT: Polo, John M.  
APPLICANT: Ibanez, Carlos E.  
APPLICANT: Chang, Stephen M.W.  
APPLICANT: Jolly, Douglas J.  
APPLICANT: Driver, David A.  
APPLICANT: Belli, Barbara A.  
TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS AND ALPHAVIRUS  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/739,167  
FILING DATE: 30-OCT-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mcmasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 930049.423C7 / 1146.008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 682-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-739-167-25

Query Match 100.0%; Score 16; DB 2; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
11  
DB 3 RW 4

RESULT 43

US-08-666-564-56  
Sequence 56, Application US/08666564  
Patent No. 5965536

GENERAL INFORMATION:

APPLICANT: Cohen, Allen B.

APPLICANT: Miller, Edmund J.

APPLICANT: Kurdowska, Anna

APPLICANT: Hayashi, Shinichiro

APPLICANT: Tuttle, Ronald R.

TITLE OF INVENTION: PEPTIDE INHIBITORS OF CXC INTERCRINE

TITLE OF INVENTION: MOLECULES

NUMBER OF SEQUENCES: 58

CORRESPONDENCE ADDRESSES:

ADDRESS: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/666,564

FILING DATE: 14-JUN-1996

CLASSIFICATION: 530

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/12245

FILING DATE: 15-DEC-1993

ATTORNEY/AGENT INFORMATION:

NAME: Kitchell, Barbara S.

REGISTRATION NUMBER: 33,928

REFERENCE/DOCKET NUMBER: UTSN:016

TELECOMMUNICATION INFORMATION:

TELEPHONE: 512/418-3000

TELEFAX: 512/474-7577

INFORMATION FOR SEQ ID NO: 56:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

US-08-666-564-56

Query Match 100.0%; Score 16; DB 2; Length 5;

Best Local Similarity 100.0%; Pred. No. 2e+05;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2

11

DB 2 RW 3

RESULT 44

US-08-404-796-25

Sequence 25, Application US/08404796

Patent No. 6015686

GENERAL INFORMATION:

APPLICANT: Dudensky Jr, Thomas W

APPLICANT: Polo, John M.

APPLICANT: Ibanez, Carlos E.

APPLICANT: Chang, Stephen M.W.

APPLICANT: Jolly, Douglas J.

APPLICANT: Driver, David A.

APPLICANT: Belli, Barbara A.

TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS

NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESSES:

ADDRESS: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/404,796

FILING DATE: 15-MAR-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: McMaisters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 930049.42365 / 1146.006

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:

LENGTH: 5 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-404-796-25

Query Match 100.0%; Score 16; DB 3; Length 5;

Best Local Similarity 100.0%; Pred. No. 2e+05;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2

11

DB 3 RW 4

RESULT 45

US-08-931-869-25

Sequence 25, Application US/08931869

Patent No. 6015694

GENERAL INFORMATION:

APPLICANT: Dudensky Jr, Thomas W

APPLICANT: Polo, John M.

APPLICANT: Ibanez, Carlos E.

APPLICANT: Chang, Stephen M.W.

APPLICANT: Jolly, Douglas J.

APPLICANT: Driver, David A.

APPLICANT: Belli, Barbara A.

TITLE OF INVENTION: EUKARYOTIC LAYERED VECTOR INITIATION SYSTEMS

NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESSES:

ADDRESS: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/931,869  
FILING DATE: 16-SEP-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/404,796  
FILING DATE: 15-MAR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Mcmasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 930049.423C5 / 1146.006  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-931-869-25

Query Match 100.0%; Score 16; DB 3; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 3 RW 4

RESULT 46  
US-09-063-893A-12  
Sequence 12, Application US/09063893A  
Patent No. 6020464  
GENERAL INFORMATION:  
APPLICANT: Kenji OKAZAKI et al.  
TITLE OF INVENTION: A NOVEL SIGNAL TRANSDUCTION FACTOR AND A  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack, L.L.P.  
STREET: 2033 K Street, N.W., #800  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20006  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/063,893A  
FILING DATE: April 22, 1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Lee Cheng  
REGISTRATION NUMBER: 40,949  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-721-8200  
TELEFAX: 202-721-8250  
TELEX:  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-09-063-893A-12

Query Match 100.0%; Score 16; DB 3; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 1 RW 2

RESULT 47  
US-08-865-472-56  
Sequence 56, Application US/08865472  
Patent No. 6110889  
GENERAL INFORMATION:  
APPLICANT: Miller, Edmund J.  
APPLICANT: Hayashi, Shinichiro  
TITLE OF INVENTION: PEPTIDE TUMOR CELL GROWTH INHIBITORS  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/865,472  
FILING DATE: CONCURRENTLY HERewith  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/666,564  
FILING DATE: 14-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Kitchell, Barbara S.  
REGISTRATION NUMBER: 33,928  
REFERENCE/DOCKET NUMBER: UTSN:020  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/474-7577  
TELEFAX: 512/474-7577  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
US-08-865-472-56

Query Match 100.0%; Score 16; DB 3; Length 5;  
Best Local Similarity 100.0%; Pred. No. 2e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RW 2  
11  
DB 2 RW 3

RESULT 48  
US-08-981-122-8  
Sequence 8, Application US/08981122B  
Patent No. 6127339  
GENERAL INFORMATION:  
APPLICANT: Hatanaka, Yoshihiro  
APPLICANT: Arizumi, Masaharu  
TITLE OF INVENTION: Peptide for binding thereto a low density lipoprotein

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; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/08/981,122B
; CURRENT FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: JP 7-176904
; PRIOR FILING DATE: 1995-06-21
; PRIOR APPLICATION NUMBER: PCT/JP96/01734
; PRIOR FILING DATE: 1996-06-21
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 8
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence of a peptide synthesized in Example 2 from L-form
; Patent No. 6127339
; OTHER INFORMATION: F-moc amino acids by solid phase method using a multipепptide
; OTHER INFORMATION: synthesizing system (Ramps)
US-08-981-122-8
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Query Match 100.0%; Score 16; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 49
US-08-981-122-14
; Sequence 14, Application US/08981122B
; Patent No. 6127339
; GENERAL INFORMATION:
; APPLICANT: Hatanaка, Yoshihiro
; TITLE OF INVENTION: Peptide for binding thereto a low density lipoprotein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/08/981,122B
; CURRENT FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: JP 7-176904
; PRIOR FILING DATE: 1995-06-21
; PRIOR APPLICATION NUMBER: PCT/JP96/01734
; PRIOR FILING DATE: 1996-06-21
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 14
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence of a peptide synthesized in Example 2 from L-form
; Patent No. 6127339
; OTHER INFORMATION: F-moc amino acids by solid phase method using a multipепptide
; OTHER INFORMATION: synthesizing system (Ramps)
US-08-981-122-14
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Query Match 100.0%; Score 16; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 2e+05;
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Db 3 RW 4
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RESULT 50
US-08-981-122-17
; Sequence 17, Application US/08981122B
; Patent No. 6127339
; GENERAL INFORMATION:
; APPLICANT: Hatanaка, Yoshihiro
; APPLICANT: Aritomi, Masaharu
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; TITLE OF INVENTION: Peptide for binding thereto a low density lipoprotein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/08/981,122B
; CURRENT FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: JP 7-176904
; PRIOR FILING DATE: 1995-06-21
; PRIOR APPLICATION NUMBER: PCT/JP96/01734
; PRIOR FILING DATE: 1996-06-21
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 17
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence of a peptide synthesized in Example 2 from L-form
; Patent No. 6127339
; OTHER INFORMATION: F-moc amino acids by solid phase method using a multipепptide
; OTHER INFORMATION: synthesizing system (Ramps)
US-08-981-122-17
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Query Match 100.0%; Score 16; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 RW 2
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Db 4 RW 5
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Search completed: February 21, 2003, 12:32:09  
Job time : 16 secs

